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TITLE: DISK TYPE MAGNETIC RECORDING MEDIUM

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INVENTOR-INFORMATION:

NAME

SAITO, SHINJI

NOGUCHI, HITOSHI

ASSIGNEE-INFORMATION:

NAME

FUJI PHOTO FILM CO LTD

COUNTRY

N/A

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ABSTRACT:

PROBLEM TO BE SOLVED: To provide a disk type magnetic recording medium in

which electromagnetic transduction characteristics, especially high-density recording characteristics are significantly improved and excellent characteristics can be shown for any size of the medium.

SOLUTION: This medium is produced by successively forming a base layer which is substantially nonmagnetic and a magnetic layer having dispersion of a ferromagnetic fine powder or ferromagnetic hexagonal ferrite fine powder in a binder on a nonmagnetic base body. The nonmagnetic base body is composed of an

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aramid having  $\leq 10\text{nm}$  center face average surface roughness  $\text{SRa}$ . The thickness  $d\text{ }\mu\text{m}$  of the nonmagnetic base body and the outer diameter  $D\text{mm}$  of the recording region satisfy the relation of  $1.25 \leq D/d \leq 2.5$ .

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